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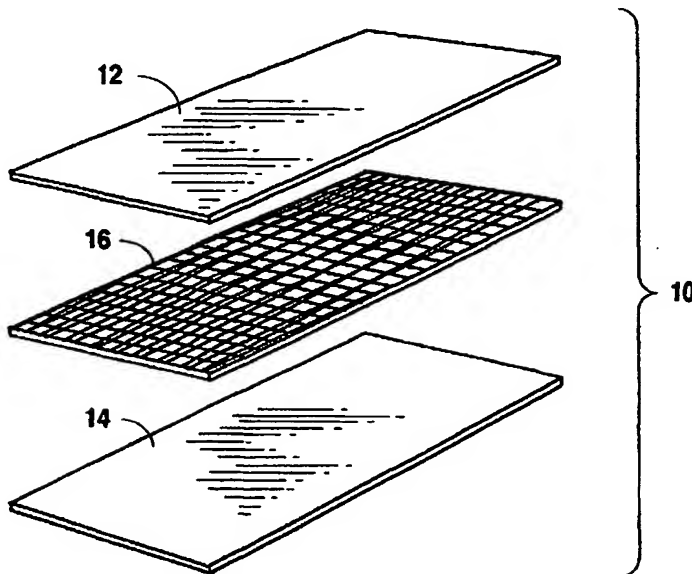
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(54) Title: REINFORCED PAPER PRODUCT AND METHOD FOR MAKING SAME



(57) Abstract: A composite paper product has at least inner and outer layers of standard paper bonded to each other and a fiber strand network to form a reinforced paper product. The fiber strand network has a first set of strands extending in a first direction and a second set of strands overlapping the first set and extending in a second direction. In some embodiments the second set of fiber strands overlaps in opposite diagonal directions while overlaying a first set of generally transverse parallel fiber strands. A recyclable binding composition is used to glue the various fiber and paper layers together to yield a unitary sheet of reinforced composite paper.

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